



Value Set Authority Center
U.S. National Library of Medicine



VSAC Users' Forum

Thursday, January 15
2:00 – 3:00 PM, EST



Today's Agenda

- **Upcoming VSAC Code System Updates:**

RxNorm 2015-01, LOINC 2.50, CPT 2015, CDT 2015, CVX 2015,
HCPCS 2015, ICD-10-CM 2015, ICD-10-PCS 2015

- **Creating and Updating your Value Sets**



Value Set Authority Center
U.S. National Library of Medicine

VSAC Support Center



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Welcome to the NLM Value Set Authority Center (VSAC)

For VSAC announcements, please subscribe to the [VSAC Updates listserv](#).

The Value Set Authority Center (VSAC) is provided by the National Library of Medicine (NLM), in collaboration with the Office of the National Coordinator for Health Information Technology and the Centers for Medicare & Medicaid Services.



VSAC Support Center

☐ How to Use VSAC

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☐ Authoring Guidelines

[Author and Steward Roles](#)

[Authoring Workflow](#)

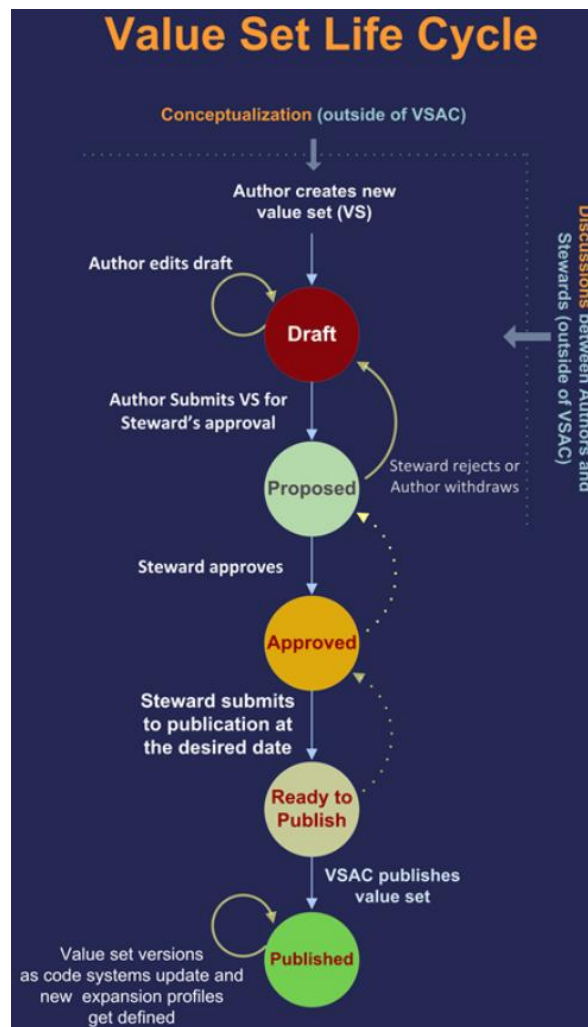
[Best Practices](#)

[Updating Value Sets](#)

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[Terminologies and Tools](#)

VSAC Support Center: Authoring Workflow





VSAC Support Center: Video Tutorials

Updating Value Sets

Adding Queried Codes to Value Sets

Importing Multiple Codes into Value Sets

Manually Adding Codes to a Value Set



VSAC Support Center: Best Practices

Building High Quality Value Sets

Types of Value Sets

Value Set Quality Criteria

- Clinical Validity, Metadata Completeness, Non-redundancy

- All Value Set Codes Are Valid in the Code System

- Descriptors Match Code System Descriptors

- Code List Completeness, Logical Correctness

- Proper Terminological Hierarchies

- Concept Property Similarity, Code System Alignment to Standards

Value Set Name

Value Set Purpose

- Clinical Focus

- Data Element Scope

- Inclusion Criteria

- Exclusion Criteria



VSAC Support Center: Terminologies and Tools

VSAC Terminologies (each name links to source Web page)

CDT, CPT, CVX, HCPCS, HL7, ICD-10-CM, ICD-10-PCS, ICD-9-CM,
LOINC, RxNorm, SNOMED CT®, SOP

Tools

NLM Tools for EHR Certification and Meaningful Use

UMLS Terminology Services

U.S. SNOMED CT® Content Request System (USCRS)

VSAC Support Center: Updating Value Sets

Updating Value Sets

Code Validation, Expansion Profiles, and Revisions

The following tutorial supports the measure developers and value set developers for the annual updates of the electronic Clinical Quality Measure (eCQM) value sets. This tutorial is useful for other purposes as well, beyond the eCQM value set annual updates.

I. My Value Sets and Search All Value Sets



The screenshot displays the VSAC Support Center interface. At the top, the NIH logo and 'Value Set Authority Center U.S. National Library of Medicine' are on the left, and a welcome message 'Welcome back, mmadden' with links for 'Sign Out | Author Registration | Contact Us' is on the right. Below this is a navigation bar with tabs: 'Welcome', 'Search Value Sets', 'Authoring' (highlighted in orange), 'Download', 'Help', and 'Authoring Guidance'. Under the 'Authoring' tab, there is a 'Value Sets' section with a search bar containing 'mm test ex...' and a close button. Below the search bar are two buttons: 'Create a Value Set' and 'Group Existing Value Sets', both with help icons. At the bottom, there are two expandable sections: 'My Value Sets' and 'Search All Value Sets'.

My Value Sets contains all value sets, regardless of status, assigned to you as an author and/or as a steward.

Search All Value Sets contains all value sets, regardless of status. Click [Search] to view all.



VSAC Authoring Tool Demonstration

Creating and Updating Value Sets

Example Value Set

Value Set Validation

Expansion Profiles

Value Set Publication



VSAC Collaboration Beta Test Volunteers

Volunteer to be a beta tester for the VSAC Collaboration site. We need your input in order to make a good tool for you.

Testing will require only a couple hours and will take place in February.

Sign up now: maureen.madden@nih.gov



Questions?

Send comments, questions, ideas to:

custserv@nlm.nih.gov

(place VSAC in the subject line)

Upcoming VSAC Users' Forum:

February 19, 2015